

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING** **ERROR REPORT**

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Application Serial Number: 091694.758  
Source: ITW16  
Date Processed by STIC: 3/29/07

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

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- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

**FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221**

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Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

- 1. EFS-Bio (<<http://www.uspto.gov/ebs/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)**
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Revised 01/10/06



IFW16

## RAW SEQUENCE LISTING

DATE: 03/29/2007

PATENT APPLICATION: US/09/694,758

TIME: 10:28:38

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Output Set: N:\CRF4\03292007\I694758.raw

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 4 Case Western Reserve University  
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 8 <130> FILE REFERENCE: 021825-004710US  
 10 <140> CURRENT APPLICATION NUMBER: US 09/694,758  
 11 <141> CURRENT FILING DATE: 2000-10-23  
 13 <150> PRIOR APPLICATION NUMBER: US 60/160,835  
 14 <151> PRIOR FILING DATE: 1999-10-21  
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 28 inducible cytokine, subfamily B, member 8 (SCYB8);  
 29 chemokine (C-X-C motif) ligand 8 (CXCL8)  
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(pg. 7)

 Does Not Comply  
 Corrected Diskette

(Pg. 6) 2

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PATENT APPLICATION: US/09/694,758

TIME: 10:28:38

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Output Set: N:\CRF4\03292007\I694758.raw

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Output Set: N:\CRF4\03292007\I694758.raw

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245 (IFITM2); interferon inducible protein 1-8D

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259 gtccaggccc agcgatagat caggaggcat cattgaggcc aggagctctg cccgtgacct 720
260 gtatcccacg tactctatct tccattcctc gccctgccc cagaggccag gagctctgcc 780
261 cttgacctgt attccactta ctccaccttc cattcctcgc cctgtcccca cagccgagtc 840
262 ctgcatcagc cttttatcct cacacgcttt tctacaatgg cattcaataa agtgtatatg 900
263 tttct 905

```

266 &lt;210&gt; SEQ ID NO: 6

267 &lt;211&gt; LENGTH: 696

268 &lt;212&gt; TYPE: DNA

<210> 9  
 <211> 9721  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <223> prointerleukin 1 beta (pro-IL-1beta);  
 interleukin-1 beta precursor; catabolin

pls explain "N" locations.

See error

<400> 9

agaaagaaag agagagagaa agaaaagaaa gaggaaggaa ggaagggaagg aagaaagaca 60  
 ggctctgagg aaggtggcag ttctacaac gggagaacca gtggttaatt tgcaaatgtg 120  
 atcctgtgga ggca<sup>am</sup>gcaga ggagtccect aggccacca gacagggtt ttagctatct 180  
 gcaggccaga caccaaattt caggagggct cagtgttagg aatggattat ggcttatcaa 240  
 attcacagga aactaacatg ttgaacagct tttagatttc ctgtggaaaa tataacttac 300  
 taaagatgga gttcttgtga ctgactcctg atatcaagat actgggagcc aaattaa<sup>aa</sup> 360  
 tcagaaggct gcttggagag caagtccatg aaatgctctt tttccacag tagaacctat 420  
 ttccctcgtg tctcaaatac ttgcacagag gctcactccc ttggataatg cagagcgagc 480  
 acgatacctg gcacatacta atttgaataa aatgctgtca aattccatt caccattca 540  
 agcagcaaac tctatctcac ctgaatgtac atgccaggca ctgtgctaga cttggctcaa 600  
 aaagatttca gtttcttga ggaaccagga gggcaagggt tcaactcagt gctataagaa 660  
 gtgttacagg ctggacacgg tggctcacgc ctgtaatccc aacatttggg aggccgaggc 720  
 gggcagatca caaggtcagg agatcgagac catcctggct aacatggtga aaccctgtct 780  
 ctactaaaaa taaaaaaat tagccggg<sup>cg</sup> ttggcggcag gtgctgtag tccagctgc 840  
 tggggaggct gaggcaggag aatggtgtga acccgggagg cggaaactgc agggggccga 900  
 gatcgtgcc<sup>a</sup> ctgactcca gcctgggcga cagagtga<sup>a</sup> ctctgtctca aaaaaaaaaa 960  
 aaaagtgtta tgatgcagac ctgtcaaaga ggcaaaggag ggtgttcta cactccaggc 1020  
 actgttcata acctggactc tcattcattc taaaaatgga gggctccctt gggcagatcc 1080  
 ctggagcagg cactttgctg gtgtctcggt taaagagaaa ctgataactc ttggtattac 1140  
 caagagatag agtctcagat ggatattctt acagaaacaa tattcccact tttcagagtt 1200  
 caccaaaaaa tcatttttagg cagagctcat ctggcattga tctggttcat ccagagatt 1260  
 ggctagggt<sup>a</sup> acagcacctg gtcttgcagg gttgtgtgag cttatctcca gggttgcccc 1320  
 aactccgtca ggagcctgaa cctgcatac cgtatgttct ctgcccagc caagaaagg<sup>t</sup> 1380  
 caattttctc ctcagaggct cctgcaattg acagagagct cccgaggcag agaacagcac 1440  
 ccaaggtaga gaccacacc ctcaatacag acagggagg<sup>g</sup> ctattggccc ttcattgtac 1500  
 ccatttatcc atctgtaagt gggaagattc ctaaaactta gtacaaagaa gtgaatgaag 1560  
 aaaagtatgt gcatgtataa atctgtgtgt cttccacttt gtcccacata tactaaattt 1620  
 aaacattctt ctaacgtggg aaaatccagt attttaatgt ggacatcaac tgcacaacga 1680  
 ttgtcaggaa aacaatgcat atttgcattg tgatacattt gcaaaatgtg tcatagtttg 1740  
 ctactccttg ccttccatg aaccagagaa ttatctcagt ttattagtc cctcccctaa 1800  
 gaagcttcca ccaatactct tttccccttt cctttaactt gattgtgaaa tcaggatttc 1860  
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 gggagtctct ctgtctctct gcctctttgt gtgtatgcat attctctctc tctctctctt 2100  
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 aacagctgac accctaaagg ttagtgtcaa agcctctgct ccagctctcc tagccaatac 2280  
 attgctagtt ggggtttggt ttagcaaatg cttttctcta gacccaaagg acttctcttt 2340  
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 tgagagaaat cacacatgaa cgtagccgtc atggggaagt cactcatttt ctccttttta 2460  
 cacagggtgc tgaagcagcc atggcagaag tacttgagct cgccagtga atgatggctt 2520  
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 acagggtgcc aagtaaactc gatttaaaga ctactttccc attacaagtc cctccagcct 2700  
 tgggacctgg aggtatcca gatgtgtgtg tgcaagggtc tctgcagag gcaaatgggg 2760  
 agaaaagatt ccaagcccac aatacaagga atcccttgc aaagtgtggc ttggagggag 2820

explanation  
on page 8.

The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/694,758

DATE: 03/29/2007  
TIME: 10:28:39

Input Set : A:\-47-1.APP

Output Set: N:\CRF4\03292007\I694758.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:9; N Pos. 135,136

Seq#:17; N Pos. 1240,1241,1242,1243,1244,1245,1246,1247,1248,1249,1250,1251

Seq#:17; N Pos. 1252,1253,1254,1255,1256,1257,1258,1259,1260,1261,1262,1263

Seq#:17; N Pos. 1264,1265,1266,1267,1268,1269,1270,1271,1272,1273,1274,1275

Seq#:17; N Pos. 1276,1277,1278,1279,1280,2111,2112,2113,2114,2115,2116,2117

Seq#:17; N Pos. 2118,2119,2120,2121,2122,2123,2124,2125,2126,2127,2128,2129

Seq#:17; N Pos. 2130,2131,2132,2133,2134,2135,2136,2822

Seq#:37; N Pos. 1415,1421,1422,1423,1424,1458

Seq#:38; N Pos. 689,739,744

Seq#:85; N Pos. 2255,2256

Seq#:86; N Pos. 27,46

Seq#:89; N Pos. 2509

Seq#:136; N Pos. 511



VARIABLE LOCATION SUMMARY  
PATENT APPLICATION: US/09/694,758

DATE: 03/29/2007  
TIME: 10:28:39

Input Set : A:\-47-1.APP

Output Set: N:\CRF4\03292007\I694758.raw

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

*Error Explanation: 2*

Seq#:9; N Pos. 135,136

Seq#:17; N Pos. 1240,1241,1242,1243,1244,1245,1246,1247,1248,1249,1250,1251

Seq#:17; N Pos. 1252,1253,1254,1255,1256,1257,1258,1259,1260,1261,1262,1263

Seq#:17; N Pos. 1264,1265,1266,1267,1268,1269,1270,1271,1272,1273,1274,1275

Seq#:17; N Pos. 1276,1277,1278,1279,1280,2111,2112,2113,2114,2115,2116,2117

Seq#:17; N Pos. 2118,2119,2120,2121,2122,2123,2124,2125,2126,2127,2128,2129

Seq#:17; N Pos. 2130,2131,2132,2133,2134,2135,2136,2822

Seq#:37; N Pos. 1415,1421,1422,1423,1424,1458

Seq#:38; N Pos. 689,739,744

Seq#:85; N Pos. 2255,2256

Seq#:86; N Pos. 27,46

Seq#:89; N Pos. 2509

Seq#:136; N Pos. 511

## VERIFICATION SUMMARY

DATE: 03/29/2007

PATENT APPLICATION: US/09/694,758

TIME: 10:28:39

Input Set : A:\-47-1.APP

Output Set: N:\CRF4\03292007\I694758.raw

L:355 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:9  
L:355 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:9  
L:355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:120  
L:868 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:1200  
M:341 Repeated in SeqNo=17  
L:1833 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:37  
L:1833 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:37  
L:1833 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:1380  
M:341 Repeated in SeqNo=37  
L:1866 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:38  
L:1866 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:38  
L:1866 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:660  
M:341 Repeated in SeqNo=38  
L:4402 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:85  
L:4402 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:85  
L:4402 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85 after pos.:2220  
L:4417 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:86  
L:4417 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:86  
L:4417 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86 after pos.:0  
L:4800 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:89  
L:4800 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:89  
L:4800 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89 after pos.:2460  
L:7627 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:136 after pos.:480  
L:7926 M:259 W: Allowed number of lines exceeded, <223> Other Information: